

Draft Air Operating Permit Renewal for Hess Corporation – Port Reading Refinery

The New Jersey State Department of Environmental Protection (NJDEP) is seeking public comment on its intent to approve an Air Pollution Control Operating Permit Renewal for Hess Corporation Port Reading, pursuant to the provisions of Title V of the Federal Clean Air Act, the federal rules promulgated at 40 CFR 70, and the state regulations promulgated at N.J.A.C. 7:27-22. These rules require existing facilities with a potential to emit major amounts of air contaminants to obtain an operating permit which specifies the air pollution control requirements that apply to the facility; the maximum amount of air pollutants that can be emitted; and the monitoring, recordkeeping, and reporting requirements to assure compliance.

The Hess Corporation --- Port Reading Refining Facility (“HESS”) is located at 750 Cliff Road in Port Reading, NJ 07064 and consists of a petroleum refining facility. The HESS facility is owned and operated by the Hess Corporation.

The facility is classified as a major facility based on its potential to emit 2825 tons per year of volatile organic compounds, 858 tons per year of nitrogen oxides, 560 tons per year of carbon monoxide, 339 tons per year of sulfur dioxide, 125 tons per year of particulates, 186 tons per year of PM₁₀, and 237 tons per year of hazardous air pollutants (HAPs) to the atmosphere. It is also classified as a major hazardous air pollutant (HAP) facility. A major HAP emitting facility is designated as major when the allowed emissions exceed 10 tons per year of any individual hazardous air pollutant or 25 tons per year of any combination of individual hazardous air pollutants that may be emitted simultaneously. The draft permit allows any individual air pollutants at a rate not to exceed 4.92 tons per year of benzene, 34.2 tons per year of cyanide compounds, 0.88 tons per year of carbon oxysulfide, 0.38 tons per year of ethyl benzene, 3.74 tons per year of trimethylpentane (2,2,4-), 134.2 tons per year of methyl tertiary butyl ether, 7.5 tons per year of hexane, 0.5 tons per year of phenol, 9.37 tons per year of toluene and 1.62 tons per year of xylene.

The facility includes a Fluid Catalytic Cracking Unit (FCCU) with wet gas scrubber as control device, a Sulfur Recovery Unit (SRU), Gas Concentration and Liquefied Petroleum Gas (LPG) treatment unit, sulfuric acid Alkylation unit, MTBE and Dimersol units, two boilers, associated utilities (cooling water, steam, and air), a Hydrogen production unit, petroleum products storage & distribution facilities, and an Advanced Wastewater Treatment plant. The refinery produces a full range of products including propane, gasoline, diesel, and heating oil.

The conditions of approval for this renewal operating permit are based on conditions of approval in all applicable preconstruction permits for equipment at this facility, and on applicable requirements in state and federal air pollution control rules. Consistent with 40 CFR 70.7(a) 5, each condition in the permit includes the citation of the applicable requirement on which the condition is based.

This permit action proposes to allow the Hess Corporation Port Reading Refinery to continue operation of existing equipment that emits air contaminants to the atmosphere. Before a final permit is issued, the public has this opportunity to comment on the draft permit. The draft permit is available for inspection at the address below and at the Central Regional Field Office located at

300 Horizon Center, Route 130 South, Robbinsville, New Jersey 08625, Phone [\(609\) 584-4119](tel:(609)584-4119). If you would like to inspect the draft permit at either location, please call in advance for an appointment. You may also inspect the application and supporting materials, and other information and documents contained in the supporting file for the draft permit, at the Trenton location listed below, by calling for an appointment. Any comments on this draft permit must be received within thirty days of the date of this notice and addressed to:

[Max Friedman](#)
New Jersey Department of Environmental Protection
Air Quality Permitting Program
Bureau of Operating Permits
401 East State St. - 2nd Floor, Box 27
Trenton, NJ 08625-0027
[\(609\) 633-8230](tel:(609)633-8230)

The Responsible Official at the facility has certified that the facility currently meets all applicable requirements of the Federal Clean Air Act and the New Jersey Air Pollution control Act. Based on this certification, and the Department's evaluation of the information included in the facility's application, the Department has concluded that this air pollution control operating permit should be approved to allow operation of the existing facility for five years. Prior to the expiration of the five year period, the facility will be required to apply for a renewal of this operating permit, at which time the Department will evaluate the facility and issue a public notice with its findings.

In accordance with N.J.A.C. 22.11(f), any person may request that the Department hold a public hearing on the draft permit. A request for a public hearing shall be submitted, in writing, within thirty days of the date of this notice to the Department at the Trenton address listed above. The request for public hearing shall include a statement of issues to be discussed at the public hearing. The statement of issues shall be relevant to the draft permit under review by the Department.